Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 29 Sep 2021 until 23:59 on Thursday 30 Sep 2021

Forecast Issued on Wednesday 29 Sep 2021 at 01:25

Confidence: High for showery day on Wednesday and becoming increasingly unsettled from Thursday, but low for details of cloud, winds and timing of the various bands of rain.

Headline for Wednesday 29 Sep 2021: Sunny spells with showers, chilly on summits with strong winds.

Mountain weather hazards on Wednesday 29 Sep 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy rain showers (night)	Heavy rain showers	Light rain showers	Sunny intervals	Partly cloudy (night)	Clear night
Precipitation probability					
40%	40%	40%	20%	20%	10%

Forecast for Wednesday 29 Sep 2021

Weather: Occasional showers on Wednesday morning, especially for western hills, locally heavy at first with a small chance of thunder. The showers becoming more isolated through the afternoon with sunny spells. Cloud, mainly above the summits.

Chance of cloud free mountain/hill tops above 600m: Around 60% through the morning, 90% later.

Visibility: Occasional cloud around 600m expected in the west through the morning. Otherwise visibility very good or excellent with, mainly in the west, only brief reductions due to showers.

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Forecast for Wednesday 29 Sep 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/17 W	17/24 W	19/28 NW	21/31 W	16/24 W	12/21 W	11/17 SW
300	9/20 W	12/24 NW	15/29 NW	14/28 NW	10/23 W	7/18 W	4/12 SW
Valley	5/15 W	9/20 NW	15/29 NW	12/25 W	7/18 W	3/9 NW	3/9 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/1	6/1	7/2	7/2	6/1	5/2	6/2
300	7/4	8/5	10/7	10/6	8/5	7/5	6/5
Valley	8/7	10/8	12/9	11/9	10/8	8/7	8/7
Freezing Level*	1300m	1200m	1300m	1300m	1300m	1300m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Sub-zero feels like temperatures.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 29 Sep 2021	16.8mm	30.4mm	31mm

Forecast for Thursday 30 Sep 2021

Weather: Occasionally heavy rain spreading east overnight clearing to sunny spells and showers soon after sunrise. The showers, heavy and perhaps thundery, may merge to give some longer spells of heavy rain in the afternoon and, more especially, evening.

Maximum wind: Southerly winds 25-35mph, with gusts around 45mph over ridges and summits, through the early hours will turn more southwesterly soon after dawn and gradually ease 15-20mph through the afternoon.

Chance of cloud free mountain/hill tops above 600m: Generally 20%, perhaps briefly around 60% during the afternoon.

Visibility: Cloud persistent above about 400m at first and again later in the west, otherwise cloud more occasional above about 600m. Otherwise visibility, very good falling to several kilometres in rain and showers.

Temperature: **Valleys:** Plus 8 Celsius rising to plus 15 Celsius.
At 600m: Plus 7 Celsius rising to plus 13 Celsius.
Freezing level: Above summits.

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